What is claimed is:

1. A method for communications resource allocation for a wireless communications system having a total system bandwidth, comprising the steps of:

dividing a service area into a plurality of sectors;

positioning a first set of base station antennas within a first set of sectors, said first set of antennas having main beams set at a first set of angles, and where each antenna of said first set of antennas corresponds to a sector within said first set of sectors;

positioning a second set of base station antennas within a second set of sectors adjacent to said first set of sectors, said second set of antennas having main beams set at a second set of angles, and where each antenna of said second set of antennas corresponds to a sector within said second set of sectors; and

assigning each sector in said first and second set of sectors a portion of the total system bandwidth.

2. The method of claim 1, wherein said first set of angles are 30 degrees, 150 degrees and 270 degrees, and said second set of angles are 90 degrees, 210 degrees and 330 degrees.

3. The method of claim 2, wherein beamwidths for said first and second set of antennas are within a range of 50 degrees to 70 degrees.

4. The method of claim 1, wherein said each angle of said second set of angles is 60 degrees apart from each angle of said first set of angles.

5. The method of claim 1, wherein said first and second set of sectors each have three sectors, with each sector having a base station antenna.

6. The method of claim 1, wherein said system has a frequency reuse factor of K = 2.

7. An apparatus for a wireless communications system having a service area divided into a plurality of sectors, comprising:

a first set of base station antennas within a first set of sectors, said first set of antennas having main beams set at a first set of angles, and where each antenna of said first set of antennas corresponds to a sector within said first set of sectors; and

a second set of base station antennas within a second set of sectors adjacent to said first set of sectors, said second set of antennas having main beams set at a second set of angles, and where each antenna of said second set of antennas corresponds to a sector within said second set of sectors.

8. The apparatus of claim 7, wherein said first set of angles are 30 degrees, 150 degrees and 270 degrees, and said second set of angles are 90 degrees, 210 degrees and 330 degrees.

9. The apparatus of claim 8, wherein beamwidths for said first and second set of antennas are within a range of 50 degrees to 70 degrees.

10. The apparatus of claim 7, wherein said each angle of said second set of angles is 60 degrees apart from each angle of said first set of angles.

11. The apparatus of claim 7, wherein said first and second cell each have three sectors, with each sector having a base station antenna.

12. The apparatus of claim 7, wherein said system has a frequency reuse factor of K = 2.

13. A method for communicating signals over a wireless communications system having a service area divided into a plurality of sectors, comprising the steps of:

communicating signals over a first set of base station antennas within a first set of sectors, said first set of antennas having main beams set at a first set of angles, and where each antenna of said first set of antennas corresponds to a sector within said first set of sectors; and

communicating signals over a second set of base station antennas within a second set of sectors adjacent to said first set of sectors, said second set of antennas having main beams set at a second set of angles, and where each antenna of said second set of antennas corresponds to a sector within said second set of sectors.

14. An apparatus for communications resource allocation for a wireless communications system having a service area divided into a plurality of sectors, and also having a total system bandwidth, comprising:

a first set of base station antennas within a first set of sectors, said first set of antennas having main beams set at a first set of angles, and where each antenna of said first set of antennas corresponds to a sector within said first set of sectors;

a second set of base station antennas within a second set of sectors adjacent to said first set of sectors, said second set of antennas having main beams set at a second set of angles, and where each antenna of said second set of antennas corresponds to a sector within said second set of sectors; and

means for assigning each sector in said first and second set of sectors a portion of the total system bandwidth.

15. An apparatus for a wireless communications system having a service area divided into a plurality of sectors, comprising:

a switching network to provide switching for a plurality of base stations;

a first set of base stations operably coupled to said switching network for receiving signals over said network, said first set of base stations having antennas within a first set of sectors, said antennas having main beams set at a first set of angles, and where each antenna corresponds to a sector within said first set of sectors;

a second set of base stations operably coupled to said switching network for receiving signals over said network, said second set of base stations having antennas within a second set of sectors adjacent to said first set of sectors, said antennas having main beams set at a second set of angles, and where each antenna corresponds to a sector within said second set of sectors; and

transceivers operably coupled to said antennas for communicating said signals over said main beams for said antennas.